

FIG. 1

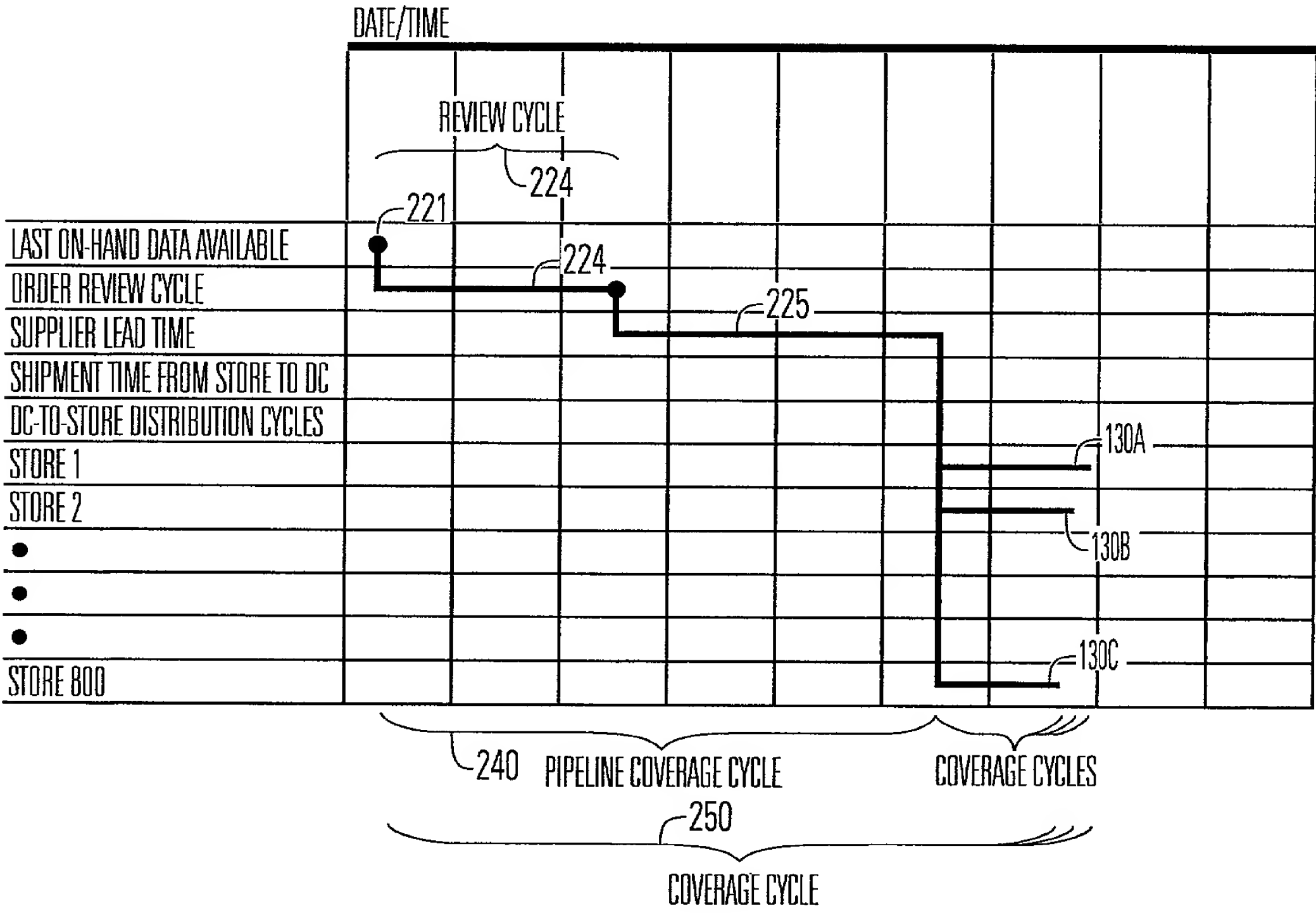


FIG. 2

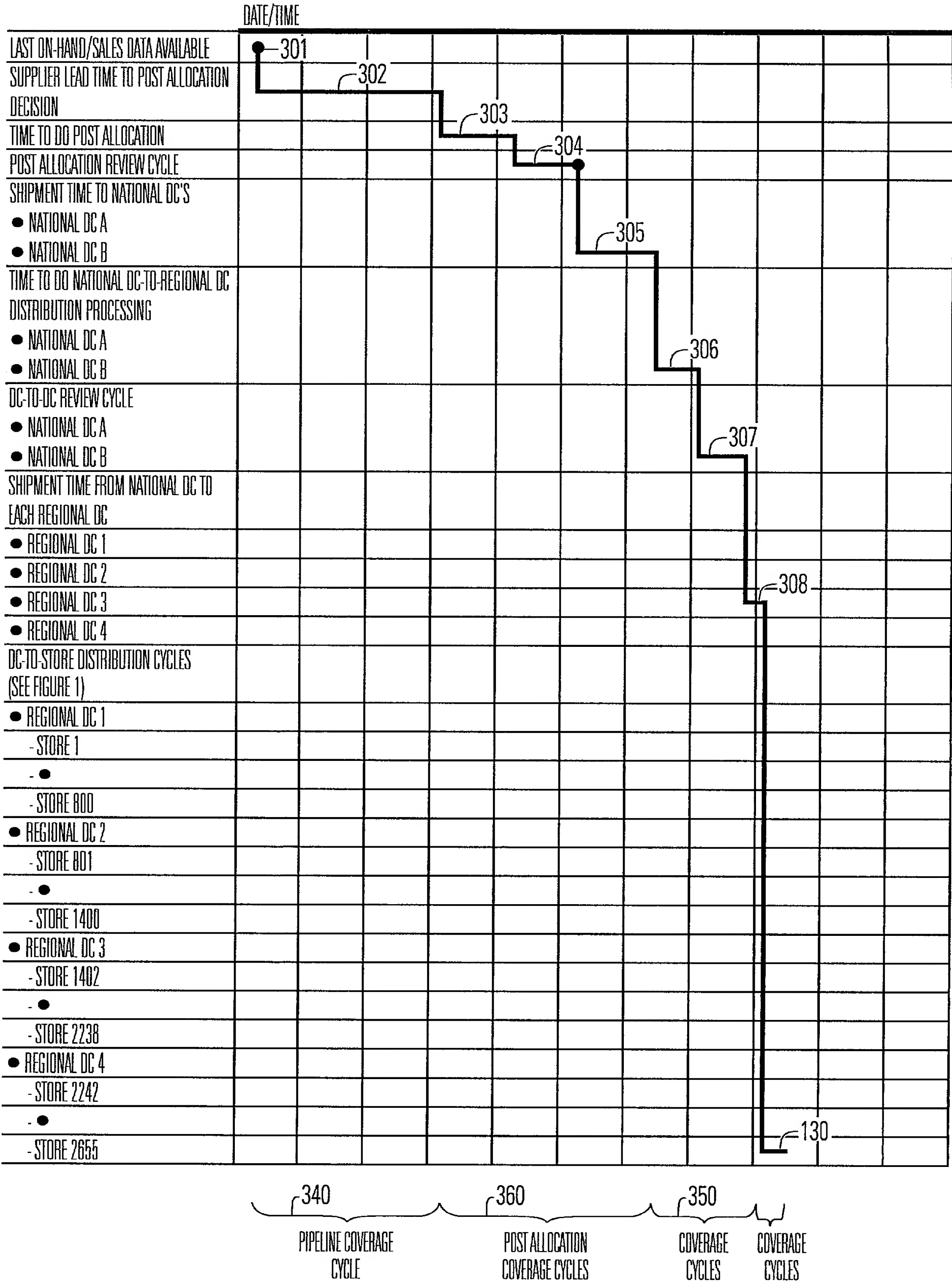
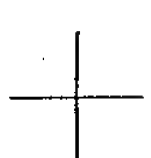
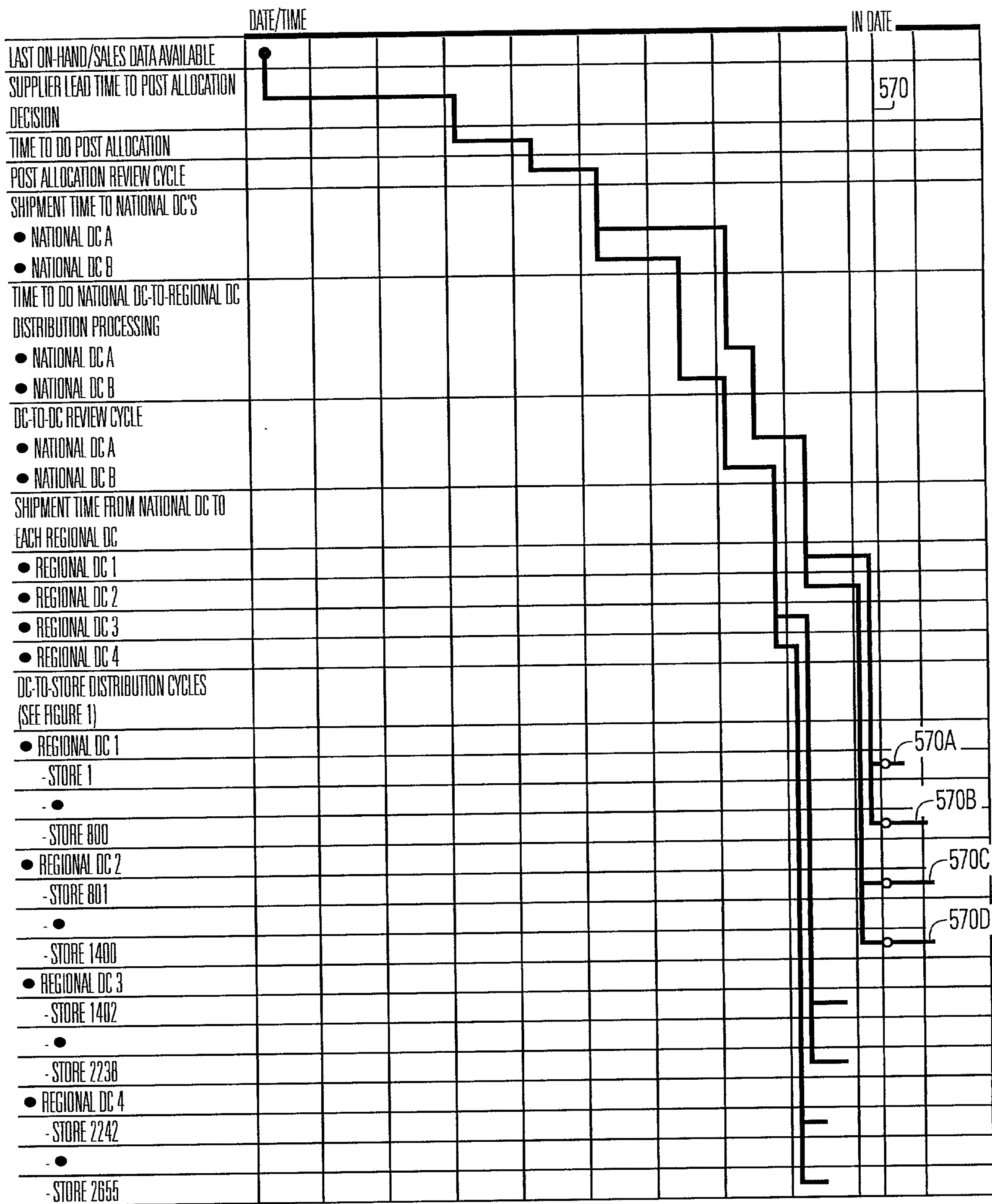


FIG. 3



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ORDER PIPELINE  
COVERAGE  
CYCLE

POST ALLOCATION  
COVERAGE CYCLES

NATIONAL DC  
DISTRIBUTION  
COVERAGE  
CYCLES

DC-TO-STORE COVERAGE CYCLES

FIG. 5

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**Bluefire Menu - [Product Location In/Out]**

File Basic Fashion Markdown Presentation/Promo Planning System/Data Reports Window

All Products

Search:

ID	Name
<input type="checkbox"/> 2	MASK FACE PASSION FLWR 3.5oz.
<input type="checkbox"/> 8	COND ICE BLUE 8.4oz.
<input type="checkbox"/> 9	COND ICE BLUE 16.9oz.
<input type="checkbox"/> 10	HAIR SPRAY DETANGLING(CH*)
<input type="checkbox"/> 14	HAIR BALM STRAIGHTEN
<input type="checkbox"/> 16	HAIR CRM NO FRIZZ STYLING 3.4
<input type="checkbox"/> 17	HAIR FRSNR FRESHEN UP 3.4oz. (CH)
<input type="checkbox"/> 18	HAIR WAX GLOSS OVER GLOSSING
<input type="checkbox"/> 19	ORCHID & CALENDULA FRESHNR 4.2
<input type="checkbox"/> 20	HAIR SERUM SMOOTH OVER 1.7(CH*)
<input type="checkbox"/> 21	HAIR GEL HOLD TIGHT 3.4oz.

All Locations

Search:

ID	Name
<input type="checkbox"/> 0001	BROADWAY 1
<input type="checkbox"/> 0002	PARAMUS
<input type="checkbox"/> 0003	TYSON'S CORNER
<input type="checkbox"/> 0004	MONTGOMERY MALL
<input type="checkbox"/> 0005	LEXINGTON
<input type="checkbox"/> 0006	NEW MADISON AVENUE
<input type="checkbox"/> 0007	BROADWAY 2
<input type="checkbox"/> 0008	ROCKAWAY
<input type="checkbox"/> 0009	GEORGETOWN
<input type="checkbox"/> 0010	EMERALD SQUARE
<input type="checkbox"/> 0011	WOODBIDGE
<input type="checkbox"/> 0012	MALL OF NEW HAMPSHIRE

☒ In Date

☒ Out Date

☒ Last PO Receive Date  Level:

SC111B

FIG. 6

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**Bluefire Menu - [Product Location In/Out]**

File Basic Fashion Markdown Presentation/Promo Planning System/Data Reports Window

All Products

Search:

ID	Name
<input checked="" type="checkbox"/> 2	MASK FACE PASSION FLWR 3.5oz.
<input type="checkbox"/> 8	COND ICE BLUE 8.4oz.
<input type="checkbox"/> 9	COND ICE BLUE 16.9oz.
<input type="checkbox"/> 10	HAIR SPRAY DETANGLING (H)
<input type="checkbox"/> 14	HAIR BALM STRAIGHTEN
<input type="checkbox"/> 16	HAIR CRM NO FRIZZ STYLING 3.4
<input type="checkbox"/> 17	HAIR FRSNR FRESHEN UP 3.4oz. (H)
<input type="checkbox"/> 18	HAIR WAX GLOSS OVER GLOSSING
<input type="checkbox"/> 19	ORCHID & CALENDULA FRESHNR 4.2
<input type="checkbox"/> 20	HAIR SERUM SMOOTH OVER 1.7 (H)
<input type="checkbox"/> 21	HAIR GEL HOLD TIGHT 3.4oz.

View Product Tree

All Locations

Search:

ID	Name
<input type="checkbox"/> 0001	BROADWAY 1
<input type="checkbox"/> 0002	PARAMUS
<input type="checkbox"/> 0003	TYSON'S CORNER
<input type="checkbox"/> 0004	MONTGOMERY MALL
<input type="checkbox"/> 0005	LEXINGTON
<input type="checkbox"/> 0006	NEW MADISON AVENUE
<input type="checkbox"/> 0007	BROADWAY 2
<input type="checkbox"/> 0008	ROCKAWAY
<input type="checkbox"/> 0009	GEORGETOWN
<input type="checkbox"/> 0010	EMERALD SQUARE
<input type="checkbox"/> 0011	WOODBIDGE

View Location Tree

☐ By Location:

Level:

Coverage Cycle:

Lead Time:

☒ By Product and Location:

Activity Type:

Review Cycle:

Data Lag:

Save

List

Close

SC35

FIG. 7

FORECAST STOCKOUT CORRECTION EXAMPLE - SINGLE STORE																				
COVERAGE CYCLE	=	17 DAYS																		
COVERAGE CYCLE FORECAST SALES	=	25 UNITS (PRE STOCKOUT CORRECTION)																		
STORE STARTING ON HAND	=	5 UNITS																		
STORE STARTING INTRANSIT	=	0 UNITS																		
	DAY																			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		TOTAL
ON HAND (END OF DAY)	5	4	3	2	1	0	0	0	0	0	0	++	++	++	++	++	++	++		
INTRANSIT (END OF DAY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
DISTRIBUTION ARRIVAL (BEGINNING OF DAY)												XX								
FORECAST SALES (100% INSTOCK)		1	1	1	1	1	1	2	2	2	2	3	3	1	1	1	1	1		25
FORECAST SALES (STOCKOUT CORRECTED)		1	1	1	1	1	0	0	0	0	0	3	3	1	1	1	1	1		16

FIG. 8



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FORECAST STOCKOUT CORRECTION EXAMPLE - SINGLE STORE WITH BACKORDER CONVERSION																				
COVERAGE CYCLE	=	17 DAYS																		
COVERAGE CYCLE FORECAST SALES	=	25 UNITS (PRE STOCKOUT CORRECTION)																		
STORE STARTING ON HAND	=	5 UNITS																		
STORE STARTING INTRANSIT	=	0 UNITS																		
STOCKOUT TO BACKORDER CONVERSION	=	33 PERCENT																		
	DAY																			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		TOTAL
ON HAND (END OF DAY)	5.0	4.0	3.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	++	++	++	++	++	++	++		
INTRANSIT (END OF DAY)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
DISTRIBUTION ARRIVAL (BEGINNING OF DAY)												XX								
FORECAST SALES (100% INSTOCK)		1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	3.0	3.0	1.0	1.0	1.0	1.0	1.0		25.0
FORECAST SALES (STOCKOUT CORRECTED)		1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0	1.0	1.0	1.0	1.0	1.0		16.0
FORECAST SALES (WITH BACKORDER CONVERSION)		1.0	1.0	1.0	1.0	1.0	0.3	0.7	0.7	0.7	0.7	3.0	3.0	1.0	1.0	1.0	1.0	1.0		19.0
FORECAST SALES (WITH BACKORDER CONVERSION AND BACKORDER DELIVERY LOG)		1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	6.0	3.0	1.0	1.0	1.0	1.0	1.0		19.0

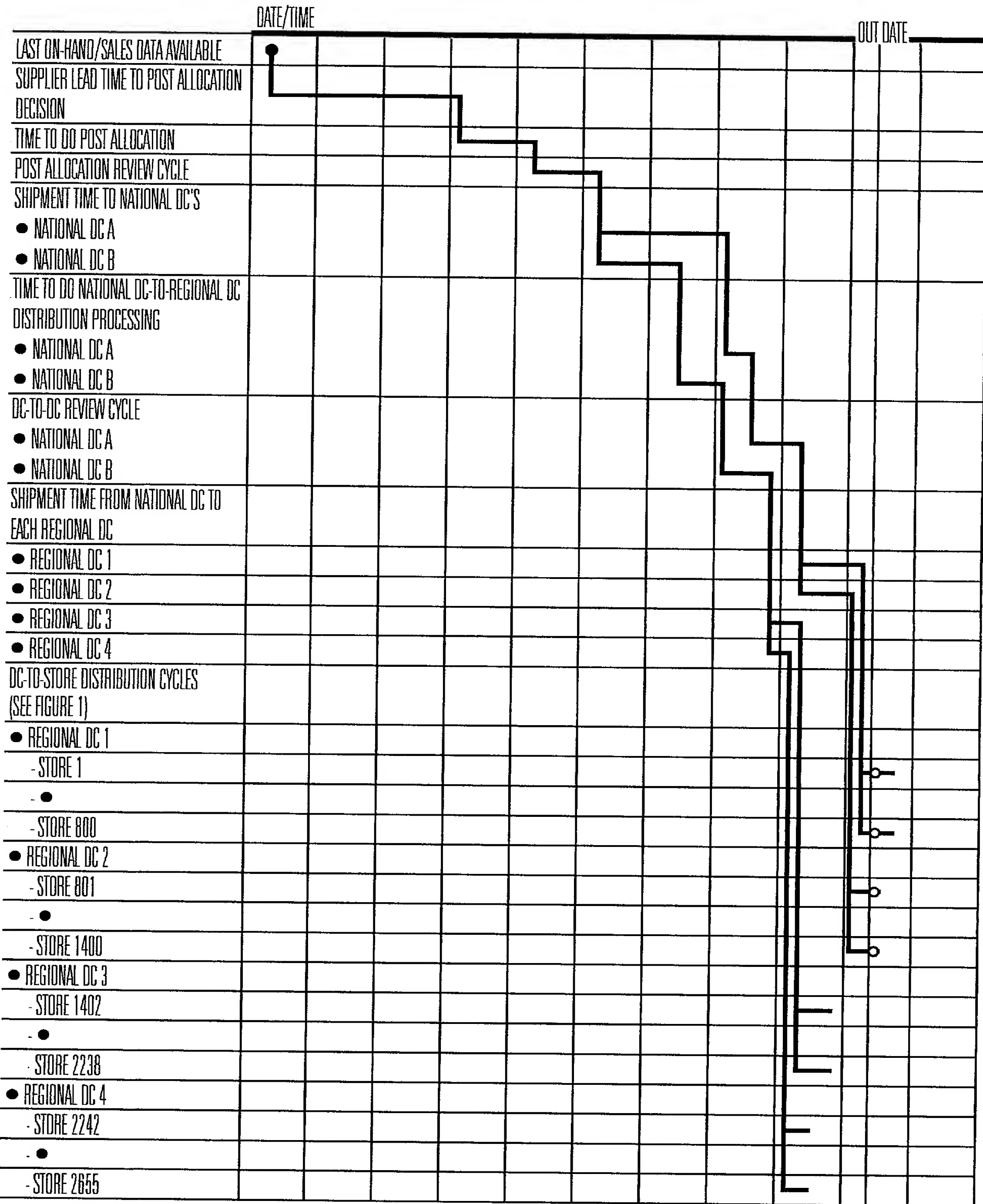
FIG. 9

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ON HAND OVERSTOCK CORRECTION EXAMPLE - TWO STORES																				
COVERAGE CYCLE		= 17 DAYS																		
COVERAGE CYCLE FORECAST SALES		= 25 UNITS (PRE STOCKOUT CORRECTION)																		
STORE STARTING ON HAND		= 5 UNITS																		
STORE STARTING INTRANSIT		= 0 UNITS																		
		DAY																		
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	TOTAL
STORE 1																				
ON HAND (END OF DAY)		5	4	3	2	1	0	0	0	0	0	0	++	++	++	++	++	++	++	
INTRANSIT (END OF DAY)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DISTRIBUTION ARRIVAL (BEGINNING OF DAY)													XX							
FORECAST SALES (100% INSTOCK)			1	1	1	1	1	1	2	2	2	2	3	3	1	1	1	1	1	25
FORECAST SALES (STOCKOUT CORRECTED)			1	1	1	1	1	0	0	0	0	0	3	3	1	1	1	1	1	16
STORE 2																				
ON HAND (END OF DAY)		45	44	43	42	41	40	39	37	35	33	31	28	25	24	23	22	21	20	
INTRANSIT (END OF DAY)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DISTRIBUTION ARRIVAL (BEGINNING OF DAY)													XX							
FORECAST SALES (100% INSTOCK)			1	1	1	1	1	1	2	2	2	2	3	3	1	1	1	1	1	25
FORECAST SALES (STOCKOUT CORRECTED)			1	1	1	1	1	1	2	2	2	2	3	3	1	1	1	1	1	25
TOTAL																				
ON HAND (END OF DAY)		50																		

FIG. 10

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ORDER PIPELINE  
COVERAGE  
CYCLE

POST ALLOCATION  
COVERAGE CYCLES

NATIONAL DC  
DISTRIBUTION  
COVERAGE  
CYCLES

DC-TO-STORE COVERAGE CYCLES

FIG. 11